



# *HF Happenings 464*

South African Radio League 1925 - 2010 Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union Region 1  
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*24 July - Boland ARC 40 Metre Sprint*

*27 July - SARL 80 m Club Contest SSB*

*7 August - SARL HF Phone Contest*

*Find the rules in the 2011 SARL Contest Manual*

## **ILLW milestone ahead of time**

With entries running well in advance of this time last year, the 300<sup>th</sup> is club station OH6NR located at Rövargrund Lighthouse in Finland. One of seven received from that country, the milestone entry is for an island in Western Finland, to be activated by DXers as a club using the vanity call sign OH6N, who on their recent outings to Rövargrund favoured HF through 6-metres including the digimodes.

With 30 days to go there have been a steady average of five entries a day. This is to escalate in the final weeks and it is not too late to get permission to set up and make an entry.

Looking around the globe there is strong support from Argentina, Chile and interest from Brazil in South America. In the north, there is Canada and the USA. In Oceania, we have Australia, New Zealand and New Caledonia. While across to South East Asia to find Indonesia, Thailand, The Philippines and Malaysia. South Africa has a presence, with entries also received from England, Europe, Portugal, Scandinavia, Spain, Lebanon and across to Russia.

So far, we have more than 40 countries in all including the smaller ones of the Azores, Azerbaijan, Gibraltar, Honduras, Namibia, Puerto Rico and Saint Lucia.



Visit the revised website at [ILLW.NET](http://ILLW.NET) to check out the full list of entries, read more details or register for the International Lighthouse and Lightship Weekend on 20 and 21 August.

South Africa will be represented by ZS1ARC at Cape Columbine (picture); ZS1CRG at Cape Point; ZS1CT at Greenpoint; ZS1OAK at Milnerton; ZS2BRC at Hood Point Lighthouse; ZS3OBS at Doring Bay and ZS5ZLB /lh at Cape St Lucia (Loc KG61fp).





Australia leads the field with 57 lighthouses, the USA with 48, Germany with 36, England with 21 and the Netherlands with 16 lighthouses.



The new CW Open contest runs on 20 and 21 August - a great way to beat the summer heat! Or winter cold!

If you have not put this one on your calendar yet, now is the time. Sponsored by the CWops group, the new CW Open (CWO) contest, 20 and 21 August, is unique - a package of three, 4-hour contests during a 24-hour cycle with separate

scores and awards for each. [www.cwops.org/cwopen.html](http://www.cwops.org/cwopen.html)

The idea is to try for fairly similar conditions in all three ITU regions over that cycle during at least two of the three events. Of course, it will not necessarily be the same two events in each region.

The scoring is also unique - 1 point per QSO per band; 1 mult the first time you work that call sign. In other words, this contest is about working many different participants rather than working a smaller fraction on multiple bands. As such, it gives radio amateurs with modest rigs and wire antennas a chance to rack up decent scores. Theoretically, a 100-watt station on a single band could come in on top in one of the sessions. Team competition is also a part of the contest.

There is already a tested module on N1MM for CWO; one nearing completion for WriteLog; and completed (but not fully tested) modules for CQ/X, GenLog and SD. (Thanks, Rob K6RB and Al AD6E)

## Interview with IARU Region 1 President Hans, PB2T

DX Coffee has published an interview with the IARU Region 1 President Hans Blondeel Timmerman, PB2T.

Read the interview "Is HF dying? That's not the case for the Amateur Radio Service"

<http://www.dxcoffee.com/eng/2011/07/20/pb2t/>

## Results of the SARL top band contest

The SARL Top Band QSO Sprint was held from the 23 - 27 June 2011.

Geoff, ZS6GRL, the SARL Contest Manager says, "It is still clear that amateurs do not read the contest rules before taking part in contests. Apart from wrong call signs, some did not change frequency after making a contact.

### July 2011

30 June to 10 July - National Arts Festival, Grahamstown

**1 - SARL subscriptions due**

2 - Hamfest in Northwest, Klerksdorp ARC

2 - Durban July Horse Race

2 and 3 - DL-DX RTTY Contest

3 - DARC 10-Metre Digital Contest

9 and 10 - IARU HF World Championship

13 - 16 - Berg River Canoe Marathon, Paarl

[www.wpcanoe.org.za](http://www.wpcanoe.org.za)

15 and 16 - Biltong Festival, Somerset East

[www.eastcapebiltongfestival.co.za](http://www.eastcapebiltongfestival.co.za)

**16 - Winter QRP Sprint; PIC Course, Cape Town; Advanced Home Construction, Cape Town**

16 - Durban Air show

[www.durbanairshow.co.za](http://www.durbanairshow.co.za)

17 Delville Wood Sunday

16 and 17 - North American RTTY QSO Party

16 and 17 - CQ Worldwide VHF Contest

18 - Nelson Mandela's birthday; Schools open

**24 - Boland ARC 40 Metre Sprint**

**27 - SARL 80 m Club Contest, SSB**

28 - 31 - Stellenbosch Wine Festival [www.wine-route.co.za/festival.asp](http://www.wine-route.co.za/festival.asp)

**30 - RTA, Durban**

30 and 31 - RSGB IOTA Contest





8 logs and 1 check log were received. Statistics from the logs show that 43 stations were on the air. No contacts were made from Div 3. Six stations operated CW and SSB."

The results are as follows

- 1<sup>st</sup> Lukas Holtzhausen, ZS6LH, - 145 points
- 2<sup>nd</sup> Ed Willers, ZS6UT, - 127 points
- 3<sup>rd</sup> Phillip van Tonder, ZS6PVT, - 118 points
- 4<sup>th</sup> Johan van Zijl, ZS4DZ, - 112 points
- 5<sup>th</sup> Romeo Nardini, ZS6ARQ, and Johan van Vuuren, ZS6JVV, - 71 points
- 7<sup>th</sup> Geoff Levey, ZS6GRL - 70 points
- 8<sup>th</sup> Keith Liddle, ZS6AGF - 67 points
- 9<sup>th</sup> Dirk van Vuuren, ZS6DVV - 56 points

The winner of the Lucky draw prize is Keith Liddle, ZS6AGF. Congratulations to the winners.

## Radio pollution from electric vehicles

*Electronics Weekly* says that companies such as Audi, BMW, Daimler, Porsche and Volkswagen are planning to use Powerline Communications in electric vehicles. PLC/PLT is a technology that can cause widespread radio interference.

Read the article German Car Makers to use Powerline Comms <http://www.electronicsweekly.com/Articles/2011/07/06/51402/german-car-makers-to-use-powerline-comms-interface.htm>

UKQRM is a group fighting this radio interference <http://groups.yahoo.com/group/UKQRM/>  
Ban Power Line Technology <http://www.ban-plt.co.uk/>

## African DX

South Sudan, ST0. The Intrepid-DX Group/DX Friends advance team was expected to arrive in Juba, South Sudan on 20 July with a list of tasks to perform in advance of the main team. "As the ITU has not yet issued a new prefix for South Sudan", N6PSE said on 19 July, "our license that was issued in March has the call-sign of STOR (Sierra Tango Zero Romeo). That will be our call for the DXpedition unless the ITU issues a new prefix which will require that we amend our license."

According to the expedition website ([www.dxfriends.com/SouthernSudan2011/](http://www.dxfriends.com/SouthernSudan2011/)), the team plans to be QRV on all bands and mode with at least five stations between 25 July and 10 August. QSL via EA5RM.

Uganda, 5X. Stewart, GM4AFF is active as 5X15F until July 29 and is active on 30 to 10 metres using CW and SSB in his spare time. QSL via GM4FDM.

## African Islands

Ascension Island, ZD8, AF-003. A German group plans to activate Ascension Island (AF-003, WLOTA 1491) between 24 July and 9 August. They will work as ZD8D on 160 - 6 m, mainly on CW and RTTY but also on SSB. The team of DL1CW, DJ4KW, DK1IP, DL7OR is led by DJ9KH and plans to work with two stations simultaneously around the clock using Quads, verticals and Yagis. For more information and updates click on <http://www.zd8d.de>







## Special Event Stations

Turkey. Several special event stations will be activated in the upcoming days. The members of the GITRAD, the TRAC Giresun and the "TCSWAT" will be active as TC2BK from 20 to 27 July to commemorate Bahri Kacan, TA2BK (sk). He was one of the founders of amateur radio in Turkey, former president of TRAC, activated the very rare country Albania and had passed away 10 years ago. QSLs for TC2BK should be sent via the TA bureau or direct to TA7EB.

The 100<sup>th</sup> anniversary of the Turkish Air Force is an occasion for the TCSWAT to activate the special event call sign TC100TAF from 23 to 31 July. Activity will take place on the HF bands, mainly on SSB but also on BPSK31 and SSTV especially during the nights. QSL via TA1HZ.

The special call sign TC7EYOF will be active from Trabzon during the "11<sup>th</sup> European Youth Olympic Festival" from 23 to 30 July. QSL via bureau or direct to YM7KA.

## History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 18 July 2011.

1872 Mahlon Loomis receives patent for wireless ... the radio is born

1880 First commercial hydroelectric power plant begins, Grand Rapids, Mich

1917 - 15 to 20 July, Battle of Delville Wood in France

1918 - 18 July, Nelson Rohlhlahla Mandela was born in a small village called Mvezo, in the Transkei

1942 Messerschmitt Me 262 Schwalbe, 1st jet fighter, takes 1st flight

1955 First sub powered by liquid metal cooled reactor launched-Seawolf

1969 Apollo 11 goes into Moon orbit

1983 Dick Smith makes first solo helicopter flight around the world

1991 Univ. of Manchester scientist announce finding a planet outside of the solar system

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www.on5ur.be QSL





## Amateur radio operators don't need phone signals to communicate

When cell phones do not work and landlines are knocked out, what do you do? About 6 000 people in Orangeburg County got a taste of that on Thursday when a cut fibre line knocked out 911 service for several hours, but one group of people says no phone or Internet is no problem.

You can keep your satellites, cell phones and tweets. Thom Ashton has a flagpole antenna. It bounces radio waves off the atmosphere, reaching anywhere from France to New Zealand and beyond. Ashton is an amateur radio operator, or ham, and has been at it for 21 years.

Read the full WISTV.com article and video at

<http://www.wistv.com/story/15089965/ham-radio-operators-dont-need-phone-signals-to-communicate>

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 18 to 25 July 2011.

### Run for the Bacon QRP Contest

01:00 - 03:00 UTC 18 July

Mode: CW

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: Single Band, All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 July 2011

E-mail logs to: (none)

Upload log at:

<http://www.fpgrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://www.fpgrp.org/pigrun/>

### NAQCC Straight Key/Bug Sprint

00:30 - 02:30 UTC 21 July

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 24 July 2011

E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net)

Upload log at:

<http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at:

<http://naqcc.info/sprint201107.html>

### RSGB 80 m Club Championship, Data

19:00 - 20:30 UTC 21 July

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC July 28, 2011

Upload log at:

<http://www.vhfcc.org/cgi-bin/hfenter.pl>





Mail logs to: (none)

Find rules at:

<http://www.rsgbcc.org/hf/rules/2011/r80mc.c.shtml>

QRP Fox Hunt

01:00 - 02:30 UTC 22 July

Mode: CW

Bands: 40 m

Classes: Single Op - Fox or Hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 23 July 2011

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

[http://www.qrpfoxhunt.org/summer\\_rules.htm](http://www.qrpfoxhunt.org/summer_rules.htm)

NCCC Sprint Ladder

02:30 - 03:00 UTC 22 July

Mode: CW

Bands: 160, 80, 40 and 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO;  
non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 July 2011

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

## Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 27 July

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 27 July and 03:00 - 04:00 UTC 28 July

QRP Fox Hunt, 01:00 - 02:30 UTC 29 July

NCCC Sprint Ladder, 02:30 - 03:00 UTC 29 July

US Counties QSO Party, 12:00 UTC 30 July to 06:00 UTC 31 July and 12:00 - 23:59 UTC 31 July

RSGB IOTA Contest, 12:00 UTC 30 July to 12:00 UTC 31 July

ARS Flight of the Bumblebees, 17:00 - 21:00 UTC 31 July

ARS Spartan Sprint, 01:00 - 03:00 UTC 2 August

## DX Code of Conduct

I will listen, and listen, and then listen again before calling.

I will only call if I can copy the DX station properly.

I will not trust the DX cluster and will be sure of the DX station's call sign before calling.

I will not interfere with the DX station or anyone calling and will never tune up on the DX frequency or in the QSO slot.

I will wait for the DX station to end a contact before I call.

I will always send my full call sign.





I will call and then listen for a reasonable interval. I will not call continuously.  
 I will not transmit when the DX operator calls another call sign, not mine.  
 I will not transmit when the DX operator queries a call sign not like mine.  
 I will not transmit when the DX station requests geographic areas other than mine.  
 When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.  
 I will be thankful if and when I do make a contact.  
 I will respect my fellow radio amateurs and conduct myself so as to earn their respect.

<http://www.dx-code.org/publications.htm>

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.

## SA Radio League News Bulletins

### SARL News

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
06:15 / 08:15 *	7 066 / 7 098	From Pretoria /	Southern Africa	Afrikaans
06:30 / 08:30 *	7 066 / 7 098	Port Elizabeth	Southern Africa	English
Various 2 metre and 70 cm repeaters and Echolink country wide				

### Amateur Radio Today

Time (UTC / CAT)	Freq (kHz)		Target Area	Language
08:00 - 09:00 /	7 082	From Durban	Southern Africa	English
10:00 - 11:00 *	Various 2 metre and 70 cm repeaters and Echolink country wide			

### Amateur Radio Today shortwave broadcast information.

Time (UTC / CAT)	Freq (kHz)	Tx kW	Target Area	Language
08:00 - 09:00 /	7 205	100	Southern Africa	English
10:00 - 11:00 *	17 570	250	East Africa	English
16:30 - 17:30 /	3 230	100	Southern Africa	English
18:30 - 19:30 **				

\* Sunday \*\* Monday

## Boland ARC 40 Metre Sprint

### Aim

This is a fun activity to promote contacts on 40 metres between radio amateurs in Southern African countries.

### Date and Time





The fourth Sunday of July from 13:00 to 16:00 UTC [15:00 to 18:00 CAT] (24 July 2011)

#### Category

Fixed or mobile station (Mobile includes field stations, portable stations)

#### Exchange

The exchange is call sign, RS and year in which you were licensed

#### Frequency

It is a phone only Sprint on the 40-meter band, 7060 - 7100 and 7135 - 7200 kHz. Only three [3] contacts per frequency are allowed before you have to change frequency. You may only return to a previously used frequency after five [5] contacts.

#### Antennas and Power

Only wire or mobile antennas and a maximum output of 100 watt may be used.

#### Scoring

Contacts between Fixed stations are 1 point.

Contact between Fixed and Mobile station are 2 points.

Contacts between two mobile stations are 3 points.

#### Log Sheets

ONLY Excel Log sheets will be accepted. Log sheets shall be submitted within 15 days after the contest and can be sent by e-mail to [zs1bak@bark.org.za](mailto:zs1bak@bark.org.za). A printed version of this log sheet can be mailed to BARK, PO Box 273, Strand, 7139. The log sheet is available on the SARL web site. Closing date for log submissions - 8 August 2010.

#### Awards

A certificate will be awarded to the 1st, 2nd and 3rd place in South Africa, as well as the highest score in each division.

